

Docket No. LAR50-001

ABSTRACT

The invention is an endodontic instrument which comprises, among other features: a handle having an elongated base with a threaded projection at a first end, the projection having a recessed distal surface capable of cupping a first terminus portion of an elongated plastic grip attached to an endodontic file; and a cap containing a channel extending through a first end of said cap with a first portion of the channel being threaded for mating with the projection of the elongated base of said endodontic instrument handle, said cap possessing a side, and said cap also having a second end containing an aperture through which an endodontic file can project, the diameter of the aperture being selected to be larger than the diameter of the endodontic file but smaller than the diameter of a plastic grip attached to the endodontic file, said cap further having a recessed interior surface capable of cupping a second terminus portion of an elongated plastic grip attached to an endodontic file. This instrument helps prevent the problems noted above, including awkward access angles and unsecured or slippery file grip that can lead to that can lead to loss of control of the endodontic file during the root canal procedure and the possibility of swallowing or inhalation of the uncontrolled endodontic file leading to serious injury.